

METHODS AND APPARATUS FOR CONSTRUCTING GAS TURBINE ENGINES

ABSTRACT OF THE DISCLOSURE

A method for coating a shroud assembly is provided that includes inserting the shroud segment into a clamping fixture such that at least two edges of the shroud are masked by the clamping fixture, mounting the clamping fixture into a spraying fixture such that the shroud segment is oriented in approximately the same orientation as a sprayer, and moving the sprayer and the spraying fixture relative to each other at predetermined rates apply a layer of coating to the shroud segment.